

What is claimed is:

1. A resin molding machine,  
comprising:  
a work piece feeding unit;  
a product accommodating unit;  
a press unit for molding a work piece;  
a loader for conveying the work piece from said work piece feeding unit to said press unit;  
an unloader for taking out a molded product from said press unit;  
common rail sections, on which said loader and said unloader are moved to convey the work piece and the molded product; and  
an additional rail unit having a rail section, on which said loader and said unloader can be moved, said additional rail unit being detachably attached between said work piece feeding unit and said product accommodating unit, wherein the common rail sections and the rail section of said additional rail unit are disconnectably connected.
2. The resin molding machine according to claim 1,  
wherein each of said work piece feeding unit and said product accommodating unit has the common rail section and a base section.
3. The resin molding machine according to claim 1,  
wherein said unloader, said work piece feeding unit and said product accommodating unit respectively have sucking ducts, and  
the rail section of said additional rail unit has a sucking duct, which is capable of connecting to the sucking duct of said unloader

and communicating to the sucking ducts of said work piece feeding unit and said product accommodating unit.

4. The resin molding machine according to claim 1,  
wherein said additional rail unit has a base section, which includes a rail base supporting the rail section and a support base supporting a functional section.

5. The resin molding machine according to claim 1,  
wherein at least one of said work piece feeding unit, said product accommodating unit and said additional rail unit includes said press unit.

6. The resin molding machine according to claim 5,  
wherein at least one of said press unit has a film unit.

7. The resin molding machine according to claim 1,  
wherein a functional section in which a function other than a molding function is executed, is provided at a position of said press unit.

8. The resin molding machine according to claim 1,  
wherein a resin feeding section, which feeds resin for molding to said press unit, is provided to one of said work piece feeding unit, said product accommodating unit and said additional rail unit.

9. The resin molding machine according to claim 1,  
wherein an intermediate die feeding section, which attaches an intermediate die to and detaches the same from a place between

an upper die and a lower die of said press unit, is provided to one of said work piece feeding unit, said product accommodating unit and said additional rail unit.

10. The resin molding machine according to claim 1,

wherein a heat sink feeding section, which feeds a heat sink to said press unit, is provided to one of said work piece feeding unit, said product accommodating unit and said additional rail unit.

11. A resin molding machine,

comprising:

a work piece feeding unit;

a product accommodating unit;

a press unit for molding a work piece;

a loader for conveying the work piece and resin for molding from said work piece feeding unit to said press unit;

an unloader for conveying a molded product from said press unit to said product accommodating unit; and

a film feeding section for feeding release film onto a parting face of said press unit, said film feeding section being provided on one side of said press unit; and

a film collecting section for collecting used release film, said film collecting section being provided on the other side of said press unit,

wherein one of said film feeding section and said film collecting section can be moved away from said press unit.

12. The resin molding machine according to claim 11,

wherein said loader and said unloader are moved on one of the

sides of said press unit, and

one of said film feeding section and said film collecting section can be moved away from said press unit and drawn.

13. The resin molding machine according to claim 12,

wherein one of said film feeding section and said film collecting section can be turned with respect to said press unit.

14. The resin molding machine according to claim 11,

wherein said film feeding section includes: a film feeding roller, on which the release film is wound; and a tension roller capable of giving tension to the release film drawn from the film feeding roller, and

said film collecting section includes: a film collecting roller which winds the release film used; and a tension roller capable of giving tension to the release film collected by the film collecting roller.

15. The resin molding machine according to claim 11,

wherein the tension rollers of said film feeding section and said film collecting section respectively have sensors, which respectively detects revolution numbers of the tension rollers, and

revolution numbers of driving sources, which respectively rotate the tension rollers, are controlled on the basis of output signals of the sensors.

16. The resin molding machine according to claim 11,

wherein said film feeding section and said film collecting section respectively have guide rollers for moving the release film

away from the parting face of said press unit.

17. A resin tablet feeding machine,

comprising:

a tablet sending section including a first tablet container, which forms resin tablets in line and guides them in a sending direction, and a first vibrating section, which vibrates the first tablet container so as to send the resin tablets; and

a tablet circulating section including a second tablet container, which accommodates the resin tablets which have been missed to send from the first tablet container and collected, and a second vibrating section, which vibrates the second tablet container so as to send the resin tablets to the first tablet container.

18. The resin tablet feeding machine according to claim 17,

wherein a first conveying face of the first tablet container, on which the resin tablets are sent, and a second conveying face of the second tablet container, on which the resin tablets are circulated, are crossed.

19. The resin tablet feeding machine according to claim 17,

wherein the first vibrating section and the second vibrating section respectively include linear feeders, whose vibrating directions are mutually opposite.

20. The resin tablet feeding machine according to claim 17,

wherein a space is formed between the first tablet container and the second tablet container, and

a dust collecting section is provided under the space.